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TITLE: Method of cutting ceramic honeycomb molded article

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US <u>6711979</u> B1	March 30, 2004	N/A	000	B28B 011/14
WO 200107224 A1	February 1, 2001	J	014	B28D 001/08
JP 2001096524 A	April 10, 2001	N/A	006	B28B 011/14
EP 1116563 A1	July 18, 2001	E	000	B28D 001/08
ZA 200100730 A	September 26, 2001	N/A	023	B26D 000/00

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ABSTRACTED-PUB-NO: WO 200107224A

BASIC-ABSTRACT:

NOVELTY - A method of cutting a ceramic honeycomb molded article for cutting a ceramic honeycomb molded article (5) in a direction perpendicular to its through hole (9) direction with a thin line (2) properly tensioned, the method comprising the steps of providing in the outer periphery of the ceramic honeycomb molded article (5) a cutting guiding groove (10), that penetrates the outer periphery, at right angles to the through hole (9) direction, applying the thin line (2) to the cutting guiding groove (10), and pressing the thin line (2) against the molded article (5) to thereby cut the molded article (5), whereby the ceramic honeycomb molded article having partition walls as thin as up to 125 μ m can be cut

without causing distortion and a cutting frequency of a thin line can be reduced to enhance a cutting efficiency.

USE - Method of cutting ceramic honeycomb molded article.

DESCRIPTION OF DRAWING(S) - Honeycomb molded article 5

Hole 9

Thin line 2

Guiding groove 10 1a, 1b/7